

WHAT IS CLAIMED IS:

1. A method for operating a hearing aid device or hearing device system, comprising:
 - acquiring an input signal with at least one input transducer;
 - transducing the input signal into an electrical signal with the input transducer;
 - converting the electrical signal into a digital signal with an A/D converter;
 - processing the digital signal with a digital signal processing unit;
 - generating a clock signal with a clock generator to control the digital signal processing unit;
 - generating frequency oscillations in the clock signal originating from the clock generator; and
 - at least one of transmitting and receiving a wireless transmission between the hearing aid device or hearing device system and a further device with an output transducer.
2. The method according to claim 1, further comprising modulating an internal clock signal generated by the clock generator with a further signal to generate the frequency oscillations.
3. The method according to claim 2, wherein the internal clock signal is modulated with a sine signal.
4. The method according to claim 2, wherein the internal clock signal is modulated with a noise signal.
5. The method according to claim 2, wherein the frequency of the further signal lies above an audible frequency range.

6. The method according to claim 1, wherein the frequency of the clock signal oscillates around an average frequency.

7. A hearing aid device or hearing device system, comprising:

at least one input transducer configured to acquire an input signal and transduce it into an electrical signal;

an A/D converter configured to convert the electrical input signal into a digital signal;

a digital signal processing unit configured to process the digital signal;

a clock generator configured to generate a clock signal to control the digital signal processing unit;

an output transducer and at least one of a transmitting and receiving unit configured to wirelessly transmit between the hearing aid device or hearing device system and a further device; and

a jitter unit associated with the clock generator configured to generate frequency oscillations in the clock signal.

8. The hearing aid device or hearing device system according to claim 7, wherein an internal clock signal of the clock generator is modulated with a further signal to generate the frequency oscillations of the clock signal.

9. The hearing aid device or hearing device system according to claim 8, wherein the internal clock system is modulated with a sine signal.

10. The hearing aid device or hearing device system according to claim 8, wherein the internal clock system is modulated with a noise signal.

11. The hearing aid device or hearing device system according to claim 8, wherein the frequency of the further signal lies above the audible frequency range.

12. The hearing aid device or hearing device system according to claim 7, wherein the frequency of the clock signal oscillates around an average frequency.

13. The hearing aid device according to claim 7, wherein at least one of the transmitting unit and the receiving unit is integrated into the hearing aid device.

14. The hearing device system according to claim 7, further comprising a further hearing aid device and at least one of a further external transmitting unit and receiving unit connected with the further hearing aid device.